



ESPE
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INNOVACIÓN PARA LA EXCELENCIA

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What is a Progressive Web App?

Progressive Web Apps are halfway between the previous two: they are basically web pages, but through the use of Service Workers and other technologies they behave more like normal applications than web applications.

Using Service Workers and other technologies, Progressive Web Apps can continue to run in the background without having to live inside the browser. On the mobile it is possible to install them as one more application and also on Windows through the mediation of Google Chrome and Mozilla Firefox. Windows 10 is going to add support for Progressive Web Apps in the Microsoft Store in the next big update, codenamed Redstone 4.

Features of a progressive web app

***Share**

Progressive Web Apps only need a single URL to share, without any installation involved.

***Facility**

Any progressive web app can be accessed from any browser without any additional steps and without having to download anything from app stores like the App Store or Google Play.

***Updates**

PWAs stay up to date, so they always offer the latest versions.

***Security**

A Progressive Web App should always use HTTPS to keep user data secure.

***Design**

Progressive web apps should mimic native mobile apps. Thus, they should have simplified, easy-to-find menus, with simple interactivity for advanced features.

***Responsive**

PWAs should work on any device, be it laptop, tablet, smartphone, etc.

***University**

Progressive Web Apps should work seamlessly for every user, whatever their web browser.